

# MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.	<b>HMIS HAZARD RATING</b>			
<b>SAFETEC OF AMERICA</b>	HEALTH	3	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME
	REACTIVITY	2	2 = MODERATE	
<b>TRANSPORTATION INFORMATION</b>				
PROPER SHIPPING NAME	Dichloroisocyanuric acid salts			
HAZARD CLASS/PKG. GRP.	5.1/II	REF.	173.152(b)(c)	
IDENTIFICATION NUMBER	UN2465	LABEL	None Required Ground	

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)	Page 1 of 2
<b>Dry Chlorine Bleach</b>	
MANUFACTURER'S NAME Safetec of America, Inc.	EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924
ADDRESS (NUMBER, STREET, P.O. BOX) 887 Kensington Ave.	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822
(CITY, STATE AND ZIP CODE) Buffalo, NY 14215	DATE PREPARED January 8, 2009
	SUPERSEDES September 21, 2007

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS ( SPECIFIC CHEMICAL IDENTITY; COMMON NAME( S ))	CAS #	% (wt.) (OPTIONAL)	ACGIH TLV/TWA/STEL			
			PPM	MG/M <sup>3</sup>	PPM	MG/M <sup>3</sup>
Sodium dichloro-s-triazinetriene	2893-78-9	0.3-0.7	None Established	None Established	None Established	None Established

This product contains a substance subject to Section 31 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372.

Immediate (Acute) Health: Yes  
 Delayed (Chronic) Health: No  
 Fire Hazard: Yes

Reactive Hazard: Yes  
 Sudden Release of Pressure: No

## SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: Breathing of dust or fumes may cause throat and respiratory tract irritation.	Remove victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.
EYES: May result in corrosion to the eyes. Dust or vapors may cause irritation and tearing.	Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; washing eyes within one (1) minute is essential to achieve maximum effectiveness. Seek immediate medical attention.
INGESTION: Ingested material will result in burning of mouth, throat and esophagus, abdominal distress and severe irritation, possible corrosion of the digestive tract.	Drink large amounts of water. DO NOT induce vomiting. Seek immediate medical attention.
SKIN: Prolonged or repeated contact may cause skin irritation which may result in corrosion if not promptly removed. Not considered a sensitizing agent.	Immediately brush off excess chemical and flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.

**HEALTH HAZARDS (ACUTE AND CHRONIC):** On contact with moisture, this material readily hydrolyzes to hypochlorous acid and cyanuric acid. The tissue damage resulting from contact is considered to result, in part, from its hypochlorous acid decomposition products. May cause gastrointestinal and respiratory tract irritation. May be severely irritating or corrosive to eyes and skin. Chronic exposure to large amounts of this compound has not been characterized and the irritating properties of the compound make such an exposure highly unlikely.

CARCINOGENICITY	NTP?	No	IARC MONOGRAPHS?	No	OSHA REGULATED?	No
No additional information						

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**  
 Preexisting skin or breathing disorders will become aggravated through prolonged exposure.

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Date: January 8, 2008

**SECTION 4 - FIRE FIGHTING MEASURES****FLASH POINT (METHOD USED)**

Not Applicable

**FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)**

LEL: Not Applicable

UEL: Not Applicable

**EXTINGUISHING MEDIA**

Water. DO NOT use ABC or dry chemical extinguishers since there is the potential for a violent reaction.

**SPECIAL FIRE FIGHTING PROCEDURES**

Wear NIOSH/MSHA approved self contained breathing apparatus. Using a 10% solution of sodium carbonate, thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS**

Nitrogen trichloride can be generated slowly by the reaction of small quantities of water with a high concentration of this product. Nitrogen trichloride can present an explosive hazard.

**SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

In case of accidental spills, contain spilled material. Any spillage should be cleaned up as soon as possible. DO NOT add water to spilled material. Using clean, dedicated equipment, sweep and scoop all spilled material and place into a clean, dry container for disposal. DO NOT use floor sweeping compounds to clean up spills. DO NOT close disposal containers containing wet or damp material; they should be left open to disperse any nitrogen trichloride that may form. DO NOT transport wet or damp material.

**WASTE DISPOSAL METHODS**

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep container(s) tightly closed when not in use. Store in cool, dry area where temperatures do not exceed 125 °F (52°C) for 24 hours. Vapor space in a closed container may contain a slight amount of chlorine gas and other chlorine containing compounds from decomposition of the product. Exposure to chlorine gas may cause burning of eyes with tearing; burning of nose and mouth with runny nose; and irritation of the linings of the respiratory tract with coughing, nausea, dizziness and fainting. Keep this and other chemicals out of reach of children.

**SECTION 6 - EXPOSURE CONTROLS/PERSONAL PROTECTION****RESPIRATORY PROTECTION**

Use NIOSH/MSHA approved or equivalent

**VENTILATION**

LOCAL EXHAUST: Recommended

MECHANICAL (GENERAL): As appropriate

**PROTECTIVE GLOVES**

Impervious/chemical resistant

**EYE PROTECTION**

Safety goggles

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Ordinarily, none required

**WORK/HYGIENIC PRACTICES**

Practice safe work habits. Use according to label instructions.

**SECTION 7 - PHYSICAL/CHEMICAL PROPERTIES****BOILING POINT**

Not applicable

**BULK DENSITY**

56 - 60 lb./cu. ft.

**VAPOR PRESSURE (mm Hg)**

Not applicable

**MELTING POINT**

464 - 480°F (decomposes)

**VAPOR DENSITY (AIR = 1)**

Not applicable

**pH (1% solution @ 25°C)**

6-7

**SOLUBILITY IN WATER**

Slightly moderate

**EVAPORATION RATE (IPA = 1)**

Not applicable

**APPEARANCE AND ODOR**

White granular powder; slight chlorine odor

**% VOLATILES (BY WEIGHT)**

Not applicable

**SECTION 8 - STABILITY AND REACTIVITY****STABILITY**

UNSTABLE:

STABLE: XXX

**CONDITIONS TO AVOID**

High humidity, extreme temperatures

**INCOMPATIBILITIES (MATERIALS TO AVOID)**

Easily oxidizable organic material; ammonia, urea, or similar nitrogen containing compounds; inorganic reducing compounds; floor sweeping compounds; calcium hypochlorite; alkalis.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Chlorine-containing gases

**HAZARDOUS POLYMERIZATION MAY OCCUR:**

WILL NOT OCCUR: XXX

**CONDITIONS TO AVOID**

Does not occur

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.